

Comparisons of Job Characteristics

Focus Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Production and Processing | 6.0 | 13.9 | 10.3 | << Extensive education and/or training may be required |
| Chemistry | 4.8 | 9.9 | 9.2 | 0 Current knowledge level may be sufficient |
| Mechanical | 6.8 | 9.6 | 14.3 | >> Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Operation Monitoring | 6.6 | 11.6 | 10.4 | < A higher skill level may be required |
| Operation and Control | 5.4 | 11.2 | 9.5 | < A higher skill level may be required |
| Quality Control Analysis | 5.9 | 9.8 | 8.7 | < A higher skill level may be required |
| Equipment Maintenance | 3.5 | 8.4 | 8.0 | 0 Current skill level may be sufficient |
| Repairing | 3.4 | 7.1 | 9.6 | >> Skill level is likely more than sufficient |
| Equipment Selection | 3.3 | 5.4 | 7.0 | > Skill level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Manual Dexterity | 6.5 | 10.8 | 10.7 | 0 | Current ability level may be sufficient |
| Perceptual Speed | 7.4 | 9.7 | 7.2 | << | Extensive improvement in abilities may be required |
| Visual Color Discrimination | 6.4 | 9.7 | 7.2 | << | Extensive improvement in abilities may be required |
| Rate Control | 3.8 | 9.4 | 6.3 | << | Extensive improvement in abilities may be required |
| Reaction Time | 4.8 | 9.0 | 9.2 | 0 | Current ability level may be sufficient |
| Auditory Attention | 5.9 | 8.7 | 7.4 | < | Some improvement in abilities may be required |
| Response Orientation | 4.0 | 7.6 | 8.1 | 0 | Current ability level may be sufficient |
| Wrist-Finger Speed | 3.2 | 6.1 | 6.0 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 40

Focus Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

| Work Activities | Exclusivity of Activity |
|-------------------------|-------------------------|
| Use hand or power tools | 2 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

| Tools and Technologies | Exclusivity |
|---|-------------|
| Cleaning equipment | 11 |
| Computers | 1 |
| Content authoring and editing software | 1 |
| Electrochemical measuring instruments and accessories | 9 |
| Fluid mechanics equipment | 11 |

| | |
|-----------------------------------|---|
| Forming tools | 2 |
| Holding and clamping tools | 3 |
| Lifting equipment and accessories | 3 |
| Power tools | 2 |
| Respiratory protection | 6 |
| Safety apparel | 4 |
| Vision protection and accessories | 3 |
| Weight measuring instruments | 7 |
| Wrenches and drivers | 2 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.